



Consumers
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Company

Midland Project: PO Box 1963, Midland, MI 48640 • (517) 631-8650

December 22, 1983

50-329

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Mr S W Baranow
Stone & Webster Michigan, Inc
P O Box 1963
Midland, MI 48640

MIDLAND ENERGY CENTER GWO 7020

HANGER REINSPECTION

File: B1.1.7, 0655 UFI: 99*08, 53*50*04 Serial: CSC-7115

Attached are copies of memos written by J Christy, MPQAD on November 21, 1983 and December 6, 1983. These should clarify the meeting note in Report No 23 regarding reinspection of 500 large bore hangers. Please advise us if more information is needed to resolve this issue.

Francis J. Damm

DLQ/DDJ/klp

cc: JGKeppler, NRC w/a
JHarrison, NRC w/a
RJCook, NRC w/a
RAWells, MPQAD w/a
BHPeck, MEC w/a
NIRichel, MEC w/a

PRINCIPAL STAFF			
✓ RA	<i>Lee</i>	OPRP	
✓ J/RA		DE	
✓ A/RA		DRMSP	
✓ RC	<i>Lee</i>	DRMA	
✓ PAO		SCS	
✓ SGA		ML	
✓ ENF		File	<i>has</i>

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PDR ADOCK 05000329
G PDR

DEC-30 1983

TED

TO RAWells

FROM JTChristy

DATE November 21, 1983

SUBJECT MIDLAND ENERGY CENTER PROJECT
PROJECT CONCERNS RELATIVE TO DESIGN CONTROL -
REDLINE REINSPECTION IMPACT ON THE HANGER
REINSPECTION PROGRAM

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INTERNAL
CORRESPONDENCE
QC-JTC-83-62

CC MFPlumb
Donard
Worriedrich

The following data is submitted to support the required decision on the action plan for the subject Project Concern:

- 1) 1768 hangers have been reinspected using the P-2.30 PQCI.
- 2) Based on a survey of the closed P-2.30s, between 69 and 73 percent were inspected using redlines (LH, SH or FRL drawings). This is a population of approximately 1250 reinspections.
- 3) Of the 1250 reinspections in 2), approximately 450 will have to be reinspected due to problems with disapproved, illegible or "approved with comment" redlines.
- 4) Approximately 50% of all reinspections will require another inspection due to the decision to remove paint and rust from welds.
- 5) All large bore hangers will require reinspection for the location criterion.

The data in 1-5 above can lead to the following conclusion concerning reinspection after redline incorporation:

Completed P-2.30s using redlines (2)	minus	P-2.30s using unacceptable redlines which must be reperformed (3)	minus	P-2.30s which used redlines which probably require weld reinspection (50% of (2))
<u>1250</u>		<u>450</u>		<u>625</u>
minus		P-2.30s which used redlines which are part of population (3) (50% of (3)) <u>225</u>	=	Number of hangers which will have to be reinspected as a result of the subject proposed action plan. <u>400</u>

This does not account for possible decisions related to NDE issues or IE Bulletin 79-14 issues.

If you have any questions concerning this data please see me.

JTC:mlt

To JChristy
FROM MEPlumb
DATE December 6, 1983
SUBJECT MIDLAND ENERGY CENTER PROJECT -
HANGER REINSPECTION PROGRAM
CONSOLIDATED APPROACH TO RESTART
MEP-83-52
CC CPaulsen MMcClain
LMouring BWilliams
CAnderson WJFriedrich
FSchulmeister

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CORRESPONDENCE

The following recommended actions deal with the restart of the Hanger Reinspection Program. These actions were discussed and agreed upon by the MPQAD personnel listed below.

M Plumb	F Schulmeister
C Paulsen	M McClain (NDE only)
L Mouring	B Maycheck (NDE only)
C Anderson	

Redlines A: For all inspections completed after the lifting of stop work order #FSW-34, only drawing/ISO's for which all redlines have been incorporated will be used.

B: All P-2.30's which were completed using redline drawings will be reinspected for orientation and configuration using a drawing/ISO with incorporations completed.

Paint/Rust: Welds are being inspected with all paint and heavy rust removed. Any welds inspected previously through paint or rust will be inspected again after cleaning.

Location: Due to stress calculation requirements for large bore hangers, locations for all large bore hangers will be inspected to the H-ISO location.

Drawing

Conflicts A: There has been a conflict between H-ISO and M-ISO for pipe configuration. The known cases have been corrected. Any future cases will be documented on an NCR for indeterminate location and class break.

B: The ATMS will be completely updated by 12/9/83 per Document Control. When FSW-34 is lifted the ATMS will be the controlling document to determine drawing revision status.

C-1.52's: All hangers with open C-1.52's will have to be closed. QA will rewrite the PQCI and training will be provided to certify inspectors.

IE Bulletin
79-14: A copy of the hanger sketch will be marked up as an as-built drawing during the P-2.30 re-inspection. This drawing will be retained by MPQAD-QC. This will continue until a commitment to 79-14 is made by MPQAD.

QARs/NCRs
Against M-326 &
C-304: Because of the undispositioned QAR's and NCR's against these specifications, PQCI P-2.30 will be revised to meet the minimum requirements of the FSAR and codes referenced in the FSAR. Note: A) Undercut requirements under the new revision to P-2.30 are going to be revised. B) Skewed fillet weld criteria is going to be revised.

Recommendations: Request a freeze of P-2.30 inspection criteria until the HRP program has reached a stabilized level. At that time changes would be discussed and added with concurrence of the assistant superintendent.

Summary: During the restart and for the completion of the HRP, and to facilitate the above actions, all hangers within the program will have a Rev. 5 IR for P-2.30 opened. This could be only for a statement that none of the criteria changes affects this hanger to a detailed inspection. The scope of the IR would be the governing factor for the amount of reinspection to the later rev. Items needing reinspection will be determined by the AQAES for inspection attributes and the Assistant PFQCE for the individual hangers.

MP 12-6-83